

BEST AVAILABLE COPY**PATENT ABSTRACTS OF JAPAN**

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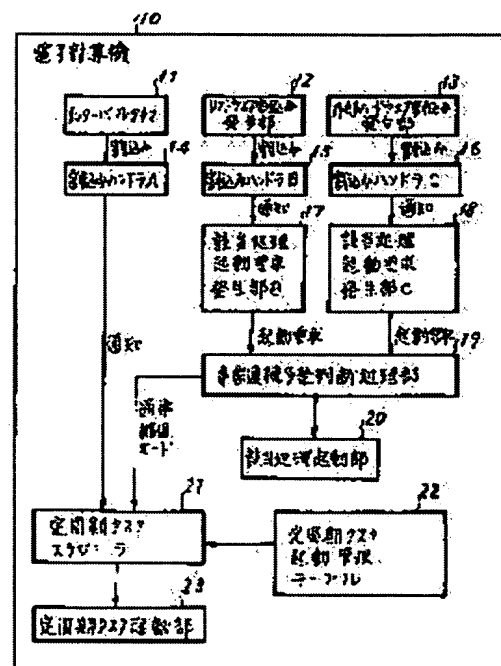
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(54) OPERATING SYSTEM AND DATA PROCESSOR USING SAME**(57)Abstract:**

PROBLEM TO BE SOLVED: To obtain a real time operating system realizing a degradation mechanism performing a centralized processing for an event correspondence processing.

SOLUTION: A degradation mechanism preferentially performing a processing for an event correspondence interruption processing is realized by providing a fixed period task scheduler 21 extending the start period of a fixed period program in which the interruption processing start requests from a software interruption generation part 12 and an external hardware interruption generation part 13 are counted, an event continuously and frequently occurring time, that is, a degradation mode time and a normal time are judged by an event continuously and frequently occurring judgment when events continuously and frequently occurs and the data which is gentle in time series change is processed when events continuously and frequently occur. Thus, because the degradation mechanism extending the start period of the fixed period program and preferentially performing the event correspondence interruption processing is realized, a stable real time processing function can be maintained.

**LEGAL STATUS**

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